eOrganic Publication List

Organic Farming and Research Information from the Organic Agriculture Community of eXtension

January 2009 – December 2018
Contents

Introduction........................................................................................................................................2
Articles (344)..................................................................................................................................3
Videos (133).....................................................................................................................................21
Webinars (185).................................................................................................................................30
Recordings from Organic Conferences (195)..................................................................................40
Newsletters and Reports (56)............................................................................................................49
Abstracts and Presentations (27).......................................................................................................52
Journal Articles (2)............................................................................................................................54
Research Project Websites hosted at http://eorganic.info (16)......................................................54

Introduction

eOrganic is the Organic Agriculture Community of eXtension, which is a national online initiative of the Land Grant universities. Our mission is to foster an organic research and outreach community, produce science-, experience-and regulation-based information on certified organic farming, and make the results of organic research projects more widely available.

The following list of articles, videos, webinars, recorded conference presentations, and other publications were created either by members of eOrganic, or were recorded and archived by eOrganic in collaboration with organizers and presenters at organic farming and research conferences. This collection of information resources is a valuable archive of publicly available material on organic farming and research. eOrganic gratefully acknowledges the hundreds of organic researchers, farmers and educators who have written and reviewed articles, created videos, presented webinars, as well as the people and organizations who have cooperated with us to broadcast, record, and preserve conference presentations. We owe a special thanks to USDA NIFA, SARE, and the many researchers across the U.S. who have collaborated with eOrganic on grants. We also thank the many attendees to our webinars, who challenged us with questions which have informed the creation of additional resources. This list truly represents a community effort.

This list is organized by resource format, and then alphabetically. To search eOrganic resources by topic, visit our website at http://www.eXtension.org/organic_production. If you have expertise in organic farming and research and would like to contribute an article, please join http://eOrganic.info.
Articles (344)


disciplinary Apple Research, Education, and Outreach Project. eOrganic article. Available at: https://articles.extension.org/pages/63325


- Cao, C., G. Vallad, M. McGrath, and B. McSpadden Gardener. 2010. Efficacy of Biochemical Biopesticides that may be used in Organic Farming. eOrganic article. Available at https://articles.extension.org/pages/29381


- Colley, M. 2009. Organizations Involved in Organic Plant Breeding Projects and Education. eOrganic article. Available at https://articles.extension.org/pages/21441


eOrganic Publications January 2009 – December 2018
• Jacob, J. 2013. Cleaning and Disinfecting in Organic Poultry Production. eOrganic article. Available at https://articles.extension.org/pages/67937
• Jacob, J. 2013. Including Amaranth in Organic Poultry Diets. eOrganic article. Available at https://articles.extension.org/pages/68056
• Jacob, J. 2013. Including Oats in Organic Poultry Diets. eOrganic article. Available at http://articles.extension.org/pages/70159
• Jacob, J. 2013. Including Pearl Millet in Organic Poultry Diets. eOrganic article. Available at http://articles.extension.org/pages/70148
• Jacob, J. 2013. Slaughter By-Products. eOrganic article. Available at http://articles.extension.org/pages/70047/slaughter-by-products
• Jacob, J. 2013. Synthetic Methionine and Organic Poultry Diets. eOrganic article. Available at https://articles.extension.org/pages/69042
• Jacob, J. 2013. Use of Micro-algae in Organic Poultry Diets. eOrganic article. Available at http://articles.extension.org/pages/70178
• Jacob, J. 2013. Use of Rice Bran in Poultry Diets. eOrganic article. Available at http://articles.extension.org/pages/70111
• Jacob, J. 2018. Intestinal Worm Control in Organic Poultry Production. eOrganic article. Available at https://articles.extension.org/pages/74681
• Jacob, J. 2018. Pest Control in Organic Poultry Production. eOrganic article. Available at https://articles.extension.org/pages/74680
• Johnson, K.B., and F. Morton. 2009. Keys to Disease Management in Organic Seed Crops. eOrganic article. Available at https://articles.extension.org/pages/18332


• McGrath, M. 2015. Late Blight Management in Tomato with Resistant Varieties. eOrganic article. Available at https://articles.extension.org/pages/72678


- Raudales, R., C. Cao, G. Vallad, M. McGrath, and B. McSpadden Gardener. 2010. Efficacy of Microbial Biopesticides that may be used in Organic Farming. eOrganic article. Available at https://articles.extension.org/pages/29382
- Riddle, J. 2013. Requirements for Organic Poultry Production. eOrganic article. Available at https://articles.extension.org/pages/69041
- Schonbeck, M. 2009. Manage the Weed Seed Bank—Minimize "Deposits" and Maximize "Withdrawals". eOrganic article. Available at https://articles.extension.org/pages/18527
- Schonbeck, M. 2009. Manipulating Weed Seed Banks to Promote their Decline. eOrganic article. Available at https://articles.extension.org/pages/18528
- Schonbeck, M. 2012. Purple Nutsedge (Cyperus rotundus) in Greater Depth. eOrganic article. Available at https://articles.extension.org/pages/65213
- Schonbeck, M. 2012. Yellow Nutsedge (Cyperus esculentus) in Greater Depth. eOrganic article. Available at https://articles.extension.org/pages/65211
- Silva, E. 2009. Respiration and Ethylene and their Relationship to Postharvest Handling. eOrganic article. Available at https://articles.extension.org/pages/18354
• Tikofsky, L. 2013. Organic Dairy Herd Health: Alternative and Complementary Treatment and Medicines. eOrganic article. Available at https://articles.extension.org/pages/67225
• Tikofsky, L. 2013. Organic Dairy Herd Health: Managing Disease in the Organic Herd. eOrganic article. Available at https://articles.extension.org/pages/67227
• Tikofsky, L. 2013. Organic Dairy Herd Health: Reproductive Management from Breeding through Freshening. eOrganic article. Available at https://articles.extension.org/pages/67231


• Zieminski, A. Using Cover Crops in Organic Systems: Resources and Research from SARE. eOrganic article. Available at https://articles.extension.org/pages/67876

Videos (133)


• DuPont, T. 2012. Pest Management Case Study. Quiet Creek Farm, Kutztown, PA. Penn State Extension Start Farming Video. Available at https://articles.extension.org/pages/64622


• Kolb, L. 2013. Weed Control in Organic Spring Cereals. Available at https://articles.extension.org/pages/68312
• Moncada, K. 2017. Video Series on Soybean and Dry Bean Research at the University of Minnesota. Available at https://articles.extension.org/pages/74285
• Seaman, A. 2013. Identifying and Scouting for Late Blight on Organic Farms. eOrganic video. Available at https://articles.extension.org/pages/68599

Webinars (185)

• Atthowe, H. 2011 Ecological Farm Design for Pest Management in Organic Vegetable Production: Successes and Challenges on Two Farms Webinar. eOrganic webinar. Available at https://articles.extension.org/pages/61953
Balusu, R., A. Majumdar and R. Cave. 2014. IPM in Crucifer Crops: Focus on the Yellowmargined Leaf Beetle. eOrganic webinar. Available at http://articles.extension.org/pages/71270


• Mazourek, M. 2017. Harvest Data and Final Analysis with Barcode Based Digital Data Collection for Vegetable Breeding Programs. eOrganic webinar. Available at https://articles.extension.org/pages/74512
• Mazourek, M. 2017. Introduction to Barcode Based Digital Data Collection for Vegetable Breeding Programs. eOrganic webinar. Available at https://articles.extension.org/pages/74512
• McGrath, M., C. Smart, B. Gugino, A. Gevens and P. Roberts. Late Blight of Tomato and Potato. eOrganic webinar. Available at http://articles.extension.org/pages/70122
• Sarno, E., C. Shapiro, R. Little, V. Schlegel, J. Brandle. 2013. Organic Farming Systems Research at the University of Nebraska. eOrganic webinar. Available at https://articles.extension.org/pages/67368
• Schonbeck, M. 2018. Ecological Weed Management in the Western Region. Organic Farming and Soil Health in the Western U.S. Webinar Series. eOrganic webinar. Available at https://articles.extension.org/pages/74732

Recordings from Organic Conferences (195)

  - Harris, D. The US Market for Organic Fruits.
Weibel, F. Organic Fruit Growing and Markets in Europe in the early 2010s: Solutions, Challenges, and Perspectives.
Holb, I. Fungal Disease Management in Organic Fruit Orchards: Epidemiology, Forecasting and Disease Control Strategies.
Mills, N. Biological Pest Control in Organic Tree Crops in the Western U.S.: An Overview.
Evans, K. The Potential Impacts Of Genetics, Genomics And Breeding On Organic Fruit Production.
Jones, V. Monitoring and Modeling Natural Enemies to Enhance Biological Control in Western US Tree Crops.
Unruh, T. Habitat Modifications and Species-Specific Pest Control Products Can Reduce Pest Control Costs.
Knight, A. Three for One: An Organic Adjuvant that May Improve Management of Fruit Flies, Diseases, and Birds in Cherry and Small Fruits.
Garrido, S. Green Peach Aphid (Myzus Persicae (Sulzer)) Control In Organic Plum Orchards. Cichon, Argentina.
Panicker, G.K. Transition to Organic Fruit Production: Impact on Yield and Environmental Performance of Muscadine (Vitis rotundifolia) in a Heavy Soil.
Poupart, E. High Tunnel Production of Organic Strawberries.
Garcia, E. Early Production Years of Two Organic Orchards: Newly Planted vs Top-Grafted.
Klopp, K. New Apple Cultivars for Organic Fruit Production in Northern Germany.
Garcia, E. Performance in the Early Production Years of Two Organic Orchards Established by Different Methods: Newly Planted and Top-Grafting.
Taylor, N. Characterization of Berry Quality of Ribes nigrum in Relation to Harvest Timing and Cultivar.
Anderson, P. Organic Blueberries: A Product with Good Demand.
Prange, R. Recent Postharvest Developments in Organic Fruits: The Good, the Bad and the Ugly.
Bradshaw, T. The OrganicA Project: Research on Weed Management options for Organic Apple Production.
Bradshaw, T. Assessment of Ascophyllum nodosum-extract Biostimulants on Tree Growth, Yield and Fruit Quality in a Certified Organic Apple Orchard.
Walters, T. High Tunnels and Annual Growing Systems for Organic Strawberry Production in Three Diverse Environments.
Durochowski, G. Effect of Spray Application Parameters on Viability of Bacterium Pseudomonas fluorescens Used as Bio-pesticide in Organic Fruit Production.

Mazzola, M. Progress in Brassicaceae Seed Meal Formulation and Application for Replant Disease Control in Organic Apple Orchards.

Yeo, J. Management Of Phytophthora Cinnamomi Root Rot Disease Of Blueberry With Gypsum And Compost.

Caudle, R. Control of Bacterial Wilt in Organically Grown Muskmelon. Caudle, USA.


Neilsen, G. Soil Management in Organic Orchard Production Systems.

Rom, C. The Effects of Four Ground Cover Management Systems and Three Nutrient Sources on the Development and Performance of an Organic Apple Orchard in the Southern US.

Reeve, J. Organic and Integrated Orchard Floor Management.

Neri, G. Effect of Four Different Soil Management Techniques on Apple Root Development.

Toselli, M. Effect of Organic Fertilization on Soil Fertility, Tree Nutritional Status and Nutritional Removal of Mature Nectarine Trees.

Hammermeister, A. Fertility Management of Establishing Organic Blackcurrants (Ribes nigrum L.).

Forge, T. Using Compost as Mulch for Highbush Blueberry.

Cho, Y. Effect On The Soil Physical Property And Fruit Quality Followed By Subsoil Breaking In Organically Converting Kiwifruit (Actinidia Chinensis ‘Haegeum’) Orchard.


Koch, C.K. Organic Blueberries in south Chile: Challenges for Growers.

Ingels, C. Effects of Weed and Nutrient Management Practices in Organic Pear Orchards


Khan, A. S. Prospects and Challenges of Organic Fruit Production in Pakistan.

Lewis, K. Mechanized String Thinners: An Effective Tool for Cropload Management in Organic Apricot Production.

Bellon, S. Combining Multiple Performances for a Sustainable Agriculture: Organic Fruit Production as a Prototype.

Skuza, N. An In-Store Assessment of Consumers' Willingness-To-Pay for Organic Apples: Does Size Matter?


o Gutierrez, W.S.H. Nutritional and Organoleptic Characterization of Apple Produced by Organic and Integrated Production Systems in Lleida (Spain).
o Andrews, P. Linking Soil Health to the Nutritional Quality of Fruit.
o Janisiewicz, W. Biological Control of Postharvest Diseases: Hurdles, Successes and Prospects.
o Klopp, K., Quast, J. How to Increase the Conversion Rate to Organic Fruit Production.

  o Cowger, C. Wheat Mycotoxins in Organic Grain Systems.
o Grossman, J. Increasing Soil Fertility and Health through Cover Crops.
o Reberg-Horton, C. Growing Canola.


  o Bazile, D. The Genetic Diversity of Chenopodium quinoa and its Global Expansion.
o Berterp. D. Longitudinal Corridors in Quinoa Diffusion Throughout the Southern Andes.
o Gardner, M. Assessing the Adoption Potential of Quinoa in Central Malawi. Morgan Gardner
o Gomez, L. Peruvian Quinoa Research and Development.
o Gonzalez, J. A. Ecophysiological Studies in Quinoa Varieties in the Argentinean Northwest.
o Jacobsen, S-E. What is the Global Potential of Quinoa? (Keynote)
Jellen, R. Quinoa Phylogenetic Insights Based on Nuclear and Chloroplast DNA Sequences.

Maliro, M. Plant Growth and Yield Performance of Quinoa Varieties under Irrigated and Rainfed Conditions of Malawi.

Martinez, E. The Experience of Quinoa in Chile: From Genes to Agroecological and Agricultural Studies.

Maughan, J. Genomic Resources for Chenopodium quinoa.


Morton, F. Quinoa Adaptation as Species Interaction: Naïve Breeding Seems to Work.

Munir, H. Quinoa: A New Resilient Crop for Food Insecure Climate Prone Pakistan. Hassan Munir


  Bane, D. Measurement of Biomarkers in Food Animals to Assess Animal Inflammation and Wellness.


  Benbrook, C. The Benefits of Organic Agriculture: Evidence Based Results.

  Boys, K. Export Opportunities and Import Competition: Improving Understanding of International Markets for US Organic Farm and Processed Products.

  Cardona, A. Collaboration Between Farmers, Extension Agents, Wholesalers and Consumers to Design Suitable Sustainable and Organic Systems.

  Carr, E. Deploying Microbes as a Seed Treatment for Protection Against Soil-borne Plant Pathogens.


  Delbridge, T. The Barriers to Organic Transition: Impacts and Policy Solutions.

  Dimitri, C. The Organic-Conventional Yield Gap.


  Genger, R. Building a Healthy Organic Seed System for Potatoes through Farmer-Researcher Partnerships.

  Goldstein, W. Breeding High Nutritional Value Corn for Organic Farmers.


  Healy, K. Variety Trials for Direct Market Quality and Flavor.
o Hill, E. Quantifying the Impacts of Cover Crops on Organic Dry Beans.
o Johnson, K. Biocontrol of Fire Blight: Why a Yeast Represents a New Paradigm in Disease Suppression.
o Kremner, R.J. Soil Health Improvement in an Organic Orchard Production System in Northwest Missouri.
o Kucek, L. K. Participatory Breeding of Wheat, Spelt, Emmer and Einkorn for Organic Farming.
o Lowenstein, D. Natural Enemies and Biological Control of Lepidopteran Brassica Pests in Urban Agriculture.
o Lyon, A. Seed Needs and Challenges: Interviews with Wisconsin Organic Vegetable Growers
o Macadam, J. Enhanced Forage Intake and Milk Production on Birdsfoot Trefoil Pastures in the Western US.
o Schlessinger, L. Pollen Drift: Reframing the Biotechnology Livability Debate.
o Shelton, A. Collaborative Release of an Organic Open-Pollinated Sweet Corn Variety.
o Silva, E. Implementing Cover Crop Based Reduced Tillage in Small Scale Organic Vegetable Production
o Simon, P. The CIOA (Carrot Improvement for Organic Agriculture) Project: Location and Genetic Background Influence Carrot Field Performance and Flavor.
o Tchamitchian, M. Research and Development Integration to Foster Organic Farming in France.
o Turner, S. Evaluation of Carrot for Traits Related to Early Seedling Establishment and Canopy Growth at Different Planting Densities in Organic Systems.
o Weil, R. Comparison of Labor Needs for Field Production, Harvest and Packing on Organic Diversified Vegetable Farms in the Upper Midwest.
o Zystro, J. State of Organic Seed: Results of a Survey


o Arnold, J. An Agroecological survey of urban agriculture in the East Bay Area of California.
o Brummer, C. A public plant breeding program to develop organic cultivars and train new plant breeders.
o Darby, H. Improving soil and forage quality to maximize organic dairy systems.
- Gaudin, A, Long-term research in organic system at Russell Ranch: Results and opportunities to build sustainable and resilient systems.
- Guerrero, S.L. Farming for Native Bees.
- Jackson, R. The Wisconsin Integrated Cropping Systems Trial: 26 years of research in agricultural sustainability.
- Junwalt, K. Feeding annual forage crops to organic dairy cows during spring and summer seasons in Northeast United States.
- Leu, A. The Vital Role of Research to Advance Organic Agriculture Worldwide.
- Ngouagio, M USDA- NIFA support for Organic Agriculture Research, Education and Extension.
- Parr, D. Integrating undergraduate interns in organic farming research and beginner farmer programming at the University of California, Santa Cruz.
- Quinn, J. The Healthy Farm Index Biodiversity Calculator.
- Stapleton, J. UC-ANR-KARE. Advances in Biosolarization Technology to Improve Soil Health and Organic Control of Soilborne Pests.
- Yannarell, A. Management affects the weed suppression potential of soil microorganisms and green manures.

- Organicology 2015: Selected Live Broadcasts. 6 archived presentations. eOrganic webinar. Available at http://articles.extension.org/pages/72568
  - Peters, S., A. Still, R. White. Economics of Seed Growing.
  - Ragourshek, B. Seed Cleaning.
  - White, R. The Yearly Seed Production Cycle.
  - Zystro, J. Considerations in Organic Seed Production

- Organicology 2017: Seed workshops. eOrganic webinars. 3 archived presentations. Available at https://articles.extension.org/pages/74228
  - Colley, M., D. Lively, K. Hubbard, L. Llewellyn, B. Haynes, A. Wagner. Got Seed?

  - Navazio, J. and J. Zystro. Introduction to On-Farm Plant Breeding
  - Little, R. Winter Wheat Breeding Basics.
  - Spaner, D. Organic Wheat Breeding and Agronomy Research
  - Myers, J. Pea Breeding in the NOVIC Project.
  - Shelton, A. Corn Breeding in the NOVIC Project.
  - Navazio, J. Carrot Breeding in the NOVIC Project.
  - Mazourek, M. Squash Breeding in the NOVIC Project.
McKenzie, L. Broccoli Breeding in the NOVIC Project.

Tracy, W. Corn Reproduction: Inbreds and Hybrids.

Tracy, W. Sweet Corn: Organic Breeding Considerations.

Goldstein, W. Breeding High Quality Corn for Sustainable and Organic Farmers.

Simon, P. Prospects and Challenges for Plant Breeders.

Myers, J. Breeding Tomatoes for Increased Flavonoids

Goldstein, W. Breeding Corn for Nutritional Value.

Hoagland, L. Wheat Varietal Selection and Annual Versus Perennial Growth Habit Impact Soil Microbes and Apple Replant Disease Suppression.


Goldstein, W. Breeding Corn for Positive Soil Microbial Interactions.

  - Colley, M. Innovation in the Field.
  - Mader, E. Pollinator Conservation Strategies for Organic Seed Producers
  - Navazio, J.J. Lew-Smith, J., Myers, Z. Sonnabend, Unpacking the Cell Fusion Debate

  - Aguilar, S. D. Brisebois, S. Peters, S. Kleeger. Seed Economics: How to Make Growing and Selling Seed more Profitable
  - Du Toit, L. Managing Seed-borne Disease: Brassica Black Leg.
  - Hicks, R. M. Leavitt, S. McCullough. Organic Cover Crop Seed Production.

• Block, J., J. Cavatorta, T. Stearns, B. Waycott. Organic Hybrid Seed Production in the U.S.
• Bronstein, S., J. Jody, L. McKenzie, C. Thoreau. Seed Production in Cages: Challenging, Fun and Rewarding.
• Dawson, J., A. Lyon, J. Zystro. Leveraging Variety Trials to Advance Organic Seed Systems.
• Egel, D., J. Myers. Microbial Hitchikers on Seed: Friend or Foe?

• Organic Soil Health Symposium at the Tri-Societies Conference. 8 archived presentations. Organic webinars. Available at https://articles.extension.org/pages/74555

• Bowell, B., J. Kucera. Soil Health and Organic: Lessons Learned.
• Collins, D. P., A. Bary. Optimizing Nitrogen Management on Organic and Biologically-Intensive Farms.
• Soti, P., R. Racelis. Using Mycorrhizal Fungi to Improve Soil Health and Increase Yield in Organic Vegetable Farms.
• Wander, M. Organic Agriculture's Ongoing Contribution to Soil Health and the Oeconomy.


• Caldwell, B. Cornell Organic Cropping Systems Project.
• Constance, D. Social Dimensions of Organic Production and Systems Research.
• Coulter, J. Long Term Organic Cropping Systems Research in Minnesota.
• Darby, H. Organic Dairy for the Next Generation.
• Hedtcke, J. Profitability of Organic Farming Systems in Wisconsin.
• Jahn, M. Large Participatory Projects in Vegetable Improvement.
o Klonsky K. Lessons from the Sustainable Agriculture Farming Systems Project
o Kotcon, J. The West Virginia Organic Research Farm.
o Louws, F. Center for Environmental Farming Systems
o Mallory, E. Organic Grains.
o Moyer, J. A Flawed Food Production System and an Organic Solution.
o Panicker, G.K. Transition to Organic Fruit Production: Impacts on Yield and Performance in a Muscadine Vinyard.
o Reganold, J. Comparing Organic and Conventional Agriculture in the U.S. What Can We Measure?
o Stinner, D. Field Crop Transition Experiment at OARDC
o Strik, B. Organic Fruit Production Research.
o Swinton, S. Profitability of Supplying Ecosystem Services from Michigan Row Crop Systems.
o Woteki, C. Welcome Message

Online Courses (4)


Newsletters and Reports (56)

• eOrganic Updates 1. 2009. Available at http://eorganic.info/node/3980
• eOrganic Updates 2. 2009. Available at http://eorganic.info/node/4221
• eOrganic Updates 3. 2009. Available at http://eorganic.info/node/4363
• eOrganic Updates 4. 2009. Available at http://eorganic.info/node/4426
• eOrganic Updates 5. 2009. Available at http://eorganic.info/node/4604
• eOrganic Updates 6. 2009. Available at http://eorganic.info/node/4672
• eOrganic Updates 7. 2010. Available at http://eorganic.info/node/4818
• eOrganic Updates 8. 2010. Available at http://eorganic.info/node/5054
• eOrganic Updates 9. 2010. Available at http://eorganic.info/node/5114
- eOrganic Updates. April, 2016. Available at http://articles.extension.org/pages/73660
- eOrganic Publications January 2009 – December 2018
Abstracts and Presentations (27)


Journal Articles (2)


Research Project Websites hosted at http://eorganic.info (16)

- Breeding Non-commodity Corn for Organic Production Systems
- Brown Marmorated Stink Bug in Organic Farming Systems
- Carrot Improvement for Organic Agriculture
- Multi-use Naked Barley for Organic Systems
- NOVIC Website
- Organic Agriculture Research Symposium
- Organic Confluences Summit
- Organic Cucurbit Research: Critical Pest Management Challenges
- Organic Management of Field Bindweed Using Various Strategies
- Organic Management of Spotted Wing Drosophila
- Organic Reduced Tillage in the Pacific Northwest
- Participatory Breeding and Testing Networks: A Maize Based Case Study for Organic Systems
- Principles for Transitioning to Organic Farming
- Strengthening Organic Farming in the Southeast
- Tomato Organic Management and Improvement Project (TOMI)
- Tools for Transition